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(54) Method of making soft tissue products

(57) Throughdried tissue products such as facial tissue, bath tissue, and paper towels are made using a throughdrying fabric having from about 5 to about 300 machine direction impression knuckles per 6.45 cm² (1 square inch) which are raised above the plane of the fabric. These impression knuckles create corresponding protrusions in the throughdried sheet which impart a significant amount of cross-machine direction stretch to the sheet. In addition, other properties such as bulk, absorbent capacity, absorbent rate and flexibility are also improved.

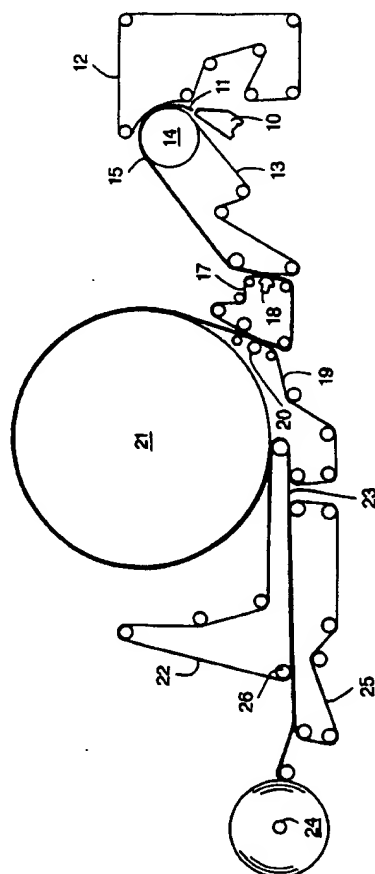


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 95 10 5513

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US-A-4 440 597 (WELLS ET AL) * the whole document *	1, 3, 4, 7	D21F11/14 D21F11/00
A	EP-A-0 342 646 (KIMBERLY-CLARK) * the whole document *	1, 3	
A	EP-A-0 109 307 (SCOTT PAPER COMPANY) * the whole document *	1, 3	
A	DE-A-24 27 291 (THE PROCTOR & GAMBLE CO.) * page 51, line 1 - page 52, line 30 *	1, 3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			D21F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 December 1995	Examiner De Rijck, F
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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